

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB06161 - Goat Anti-CYP7B1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CYP7B1, CP7B, cytochrome P450, family 7, subfamily B, polypeptide 1, oxysterol 7alpha-hydroxylase, cytochrome P450, subfamily VIIB (oxysterol 7 alpha-hydroxylase), polypeptide 1, CBAS3, SPG5A

**Official Symbol:** CYP7B1

**Accession Number(s):** NP\_004811.1

**Human GeneID(s):** [9420](#)

### Immunogen

Peptide with sequence C-YPDSDVLFYKVKKS, from the C Terminus of the protein sequence according to NP\_004811.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Western blot:** Preliminary experiments in Human Liver, Kidney and Prostate lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

**IHC:** In paraffin embedded Human Breast shows textured cytoplasm staining in ductal epithelial cells. Recommended concentration, 3-6µg/ml.

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human, Cow

EB06161 (4µg/ml) staining of paraffin embedded Human Breast. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.